YALE JOURNAL OF BIOLOGY AND MEDICINE 72 (19998), pp. 425-431.
Copyright © 2000. All rights reserved.

The Yale Journal of Biology and Medicine
Index to Volume 72

Subject Index

A

Acid
  Esophagus and, 125, 169, 181, 227
  Gastric, and *H. pylori*, 195
  Gastric, and hiatus hernia, 106
American Society for Microbiology
  Founding, 304
  Journals, 309
  Logos, 305
Anatomy
  Computer-assisted learning, 46
  Spinal ultrasound, 50
Apoptosis
  Brain hypoxia and, 39
  c-kit and, 61
  Tamoxifen and, 49
Arteries, regeneration, 37
Arts and Literature, 33, 409, 421
Autobiography, Hans Zinsser, 346
Avery, Oswald T., 357

B

Bacteriology
  Ecological approaches, 323, 324
  Dairy, 352
  Delft school, 333
  Scope of field, 304, 306, 310
  Textbooks, 322, 333, 341
Bacterium, taxonomy, 307
Barrett's epithelium, 113, 139
Bergey's Manual, 329
Biggs, Herman, 321
Blood (see Hematology)
Bone, osteoblast regulation, 48

Book Reviews

Medicine for the Outdoors: the Essential Guide to Emergency Medical Procedures and First Aid. Paul S. Auerbach, 423
Annotated Atlas of Electrocardiography: A Guide to Confidence Interpretation. Thomas M. Blake, 423
Doctors Affield. Mary G. McCrea Curnen, Howard Spiro, and Deborah St. James, eds., 301
Surviving the Fall: The Personal Journey of an AIDS Doctor. Peter A. Selwyn, 302
The Doctor Stories. Richard Selzer, 63
Essentials of Nutrition and Diet Therapy, 7th Edition. Sue Rodwell Williams, 63

Brain
  Childhood seizures, 57
  Dopamine and cognition, 53
  Expression of sialyltransferase, 38
  Hypoxia and apoptosis, 39
  Metabolism in diabetes, 7
Brucellosis, 349
Buchanan, Robert E., 308, 329, 330

C

Cancer
  Breast
    CSF-1 receptor and, 51
    Estrogen and, 43, 49
  Cutaneous T-cell lymphoma, 365, 367
  Desmoplastic round cell tumor, 287
  Esophageal
    GERD and, 121
    H. pylori and, 145
    Rab11 and, 117
  Immunotherapy, 50
  Pancreatic, 295
  PCR diagnosis, 372
  T-cell lymphoma, 44, 58
Cardiac troponin, 6
  Diagnosis of myocardial infarction, 261
Cardiovascular
  Artery regeneration, 37
  Cardiomyopathy, prematurity and, 43
  Diffuse pulmonary A-V malformations, 51
  Ductus venosus, 58
  Hypercholesterolemia, 377
  Stress and myocardial blood flow, 47
  Ventriculoplasty, 56
Case reports
  Desmoplastic round cell tumor, 287
  Sinistral portal hypertension and pancreatic
Celiac disease, 15
Cell replacement therapy
  Hematopoetic stem cells, 52
  Liver, 48
  Vascular, 37
Child abuse, prediction of, 39
Chinese medicine, traditional, 409
Chloride secretion, 399
Cholera, 393
  History, 394, 396
  Toxins, 401

and G-proteins, 402
Treatment, 404
Mechanisms, 401
Columbia University, 342, 359
Cornell University, 351
Creatine kinase, 6
CSF-1, Breast cancer and, 51
Cytotoxicity, TNT metabolites and, 2

D

Desmoplastic round cell tumor, case report, 287
Development, rat sodium channel and, 47
Diabetes
Murine model, 42
Rat model, 37
Diarrhea
Cholera and, 393, 401
Physiology, 398
DNA, transforming, 358
Dopamine, cognition and, 53
Drug resistance, antifungals, 281
Dubos, Rene J., 360
Dyspepsia (see GERD)

E

ECG, diagnosis of myocardial infarction, 262
Emergency medicine
Childhood seizures, 57
Informed consent and, 56
Endocrinology (see hormones)
Endoscopy, GERD and, 93
Environmental medicine, TNT toxicology, 1
Epidemiology
Birth weight correlates, 245
Hypercholesterolemia, 377
Maternal education and birth weight, 245
Obesity in the elderly, 386
Epithelial Cells
Helicobacter pylori and, 145, 196
Rab11 and, 115
Transformation, 121
Esophageal sphincter, control, 153, 173, 176, 231
Esophagitis, 96, 125, 133, 135, 156, 162
Estrogen, breast cancer and, 43, 49
Evans, Alice C., 349
Eye
History, 55
Retinopathy, high altitude, 23
Photoreceptor cation channel, 41
Vagal reflexes and, 238

F

Film documentary, 60
Flexner, Abraham, 269
Forensic medicine, 409, 414
Fundoplication, 232

G

G-proteins, 402
Gastrointestinal disease (also see GERD)
Celiac disease, 15
Genes
c-Kit, 61
Genes, TGF-beta, 48
Mouse sialyltransferase, 38
Rat cation channel, 41
Rat sodium channel, 47
Rab11 in Barrett's epithelium, 113
T-cell receptor, 59
GERD (gastroesophageal reflux disease)
Cancer and, 121
Diagnosis, 95, 204
Endoscopy, 93, 98
Epidemiology, 81
Helicobacter pylori and, 87, 200
History, 69
Management, 206, 219, 227
Pathogenesis, 72, 81, 125, 134, 146, 156, 177
Surgery, 231
Therapy, 140, 149, 169, 173, 179, 181, 185, 203, 211, 220
Geriatrics
Driving safety, 40
Hypercholesterolemia in Taiwan, 378
Obesity, 385
Goldminer(TM), method, 259

H

Harvard University, 341
Health education
Childhood knowledge of cancer, 41
Driving safety, 40
Heart
Cardiac troponin, 6
Cardiomyopathy, therapy, 56, 60
Coronary revascularization, 60
Creatine kinase, 6
Ductus venosus, 58
Mental stress and blood flow, 47
MI, diagnosis, 5
Rate, 237
Heidelberger, Michael, 357
Helicobacter pylori
Dysplasia and, 145

Gastric acid and, 195, 198, 211
GERD and, 87, 147, 169, 211
Hematology, stem cells, 53
Hiatus hernia
Acid clearance and, 106
GERD and, 101, 146, 174
High altitude medicine, 19, 29
History of medicine
Flexner and Yale, 269
Opthalmology, 55
Hormones, estrogen and breast cancer, 43, 49
Hypercholesterolemia, 377
Correlated variables, 380
Hypertriglyceridemia, 382
Hyperuricemia, 382

I

Infections
Yeast vaginitis, 281
Therapy, 283
Information theory, diagnosis of myocardial infarction and, 5, 259
Inquests, Imperial China, 412
International health
Diet and twinning in Nigeria, 59
Taiwan, 377, 385
Telemedicine and, 19, 29
Intestinal physiology, 398
G-proteins and, 402

J

Johns Hopkins Universty, hygiene, 313, 317
Jordan, Edwin O., 321, 331
Jurisprudence, Chinese texts, 414

K

Kluyver, A.J., 333

L

Lancefield, Rebecca C., 359
Leishmania, 45
Literature and medicine, 33, 409, 421
Liver, tissue engineering, 48
Lung, Diffuse A-V malformations, 51
Lymphoma, CTCL, 365, 367

M

Medical detection, 412
Medical education
Childhood knowledge of cancer, 41
Computer assisted learning, 46
Debt and medical education, 52
Films and medical ethics, 60
Hospitalization for asthma, 53
Literature of medicine, 33
Remote medicine, 29
Managed care, 38, 42, 44, 58
Medical economics
Motherhood and, 55
Debt and gender, 52
Patents, 55
Medical ethics
Informed consent, 56
Physician-clergy, 45
Managed care, 44
Patents and, 55
Ethnography and, 60
Medical reviews
Antifungals and yeast vaginitis, 281
Cholera and ion physiology, 393
Melanoma, immunotherapy, 50
Mental health
Adolescent evaluation, 54
Managed care and, 58
Milk-borne diseases, 349
Motility, esophageal, 173, 231
Mount Everest, 19, 29
mRNA
Rat sodium channel, 47
T-cell, 50
Mycosis fungoides, 385
Classification of, 367
Epidemiology of, 366
T-cell receptor genes and, 370
Myocardial infarction, 5
Cardiac troponin, and, 6
Creatine kinase, and, 6
Diagnosis, 259
Diagnostic markers, 5
Mental stress and, 47
Revascularization, 60

N

Nepal, Yale Telemedicine Project, 19, 29
New York Health Department, 326
Nicotinic acid, Celiac disease and, 18
Nigeria, Diet and twinning, 59
Nutrition
Celiac disease and, 15
Multiple births and, 59
Vascular regeneration and, 37

O

Obesity
Correlated variables, 388
In the elderly, 385
Oculocardiac reflex, 238
Ophthalmology (see Eye)

P

Pallin, Samuel, 55
Park, William H., 321
Pediatrics (see also Perinatology)
  Asthma and hospitalization, 53
  Childhood knowledge of cancer, 1
  Informed consent, 56
  Millon scale, evaluation of, 54
  Seizures, 57
Pellagra, Celiac disease and, 15
Pepsin, esophagitis and, 133, 228
Perinatology
  Birth weight correlates, 245
  Cardiomyopathy, 43
  Ductus venosus, 58
  Prediction of child abuse, 39
  Retinal development, 41
Pneumococcus, 357, 361
Potassium channels, 400
Public Health
  Birth weight correlates, 245
  Diet and twinning, 59
  Driving safety, 40
PUVA, 44, 367

R

Religion and medicine, 45
Retinopathy, High altitude, 23
Rivers, Thomas M., 362
Rockefeller Institute, 357
Russell, H.L., 306
Rutgers University, 360

S

Sedgwick, William T., 305, 313, 315, 334
Seizures 57
Sézary syndrome (see *Mycosis fungoides*)
Signal transduction, LES control and, 154
Sinistral portal hypertension, case report, 295
Society of American Bacteriologists (See American Society for Microbiology)
Sodium-potassium/ATP pump, 399
Stanford University, 43
Streptococcus, classification, 359

T

T-cells
  Diabetes and, 42
  Immunotherapy for melanoma, 50
  Leishmaniasis and, 45
  Lymphoma, 44, 59, 365, 367
  Receptor genes, 365
Taiwan
  Epidemiology of hypercholesterolemia, 377
  Obesity in, 385
Telemedicine, 19
TNT, 1
Toxicology, TNT metabolites, 1
Typhus, 345

U

Ultrasound, spinal, 50
University of Wisconsin, 351, 353
University of Iowa, 334

V

Vaginitis, 281
Vagus, reflex control of heart rate, 237
Van Gulik, Robert, 411
Vibrio cholerae, 395

W

Waksman, Selman, 360
"Washing away of wrongs," 415
Water, intestinal physiology and, 398
Weight loss, celiac disease and, 15
Welch, William H., 313, 314
Werkman, Chester, 335
Williams, Anna, 322, 327
Winternitz, Milton, 273
Yale University, Sheffield Scientific School, 316
Yale School of Medicine, History, 269

Z

Zinsser, Hans, 341

Author Index

A

Aiken, Chris, 37
Akst, Lee, 37
Angood, Peter, 19
Armstrong, David, 93
Arnold, Robert W., 237
Arnsten, Amy F.T., 53
Arrighi, James A., 47
Ashraf, M., 1

B

Banerjee, H.N., 1
Baren, Jill M., 53, 56
Barnstable, Colin J., 41
Behar, Jose, 153
Bennett, John B., 50
Bennett, J.W, 303
Benson, Keith R., 313

Bernstein, Larry H., 5, 259
Biancani, Piero, 153
Boger, Kristin Marie, 38
Braverman, Tamar, 38
Braverman, Irwin M., 44
Broder, Joshua, 39
Burg, Matthew, 47

C

Calam, John, 195
Campbell, Clovene Hanchard, 39
Cao, Weibiao, 153
Carter, Darryl, 51
Cavanaugh, Kerri L., 40
Centrella, Michael, 48
Chang, Christopher Y., 295
Charpentier, Peter, 40
Chiang, Robert K., 41
Chin, Deanna G., 41
Cicchetti, Domenic V., 39, 41
Cima, Michael J., 48
Cline, Gary, 37
Cohen, Rachel, 39
Colwell, Rita R., 349
Conte, Michael, 37
Coutinho, Sergio G., 45
Cullen, Mark, 245

D

Da-Cruz, Alda M., 45
Davies, Ryan R., 33
Days, Alison L., 42
Deisseroth, Albert B., 50
Dumont, Caroline R., 42
Dun, Erica, 281
Dutta, S.K., 1

E

El-Serag, Hashem B., 81
Elefteriades, John A., 56, 60
Eliza, Mariel, 43

F

Falzarano, Elly V., 43
Faughnan, Marie E., 51
Frehm, Eric J., 393
Friedman, Alan H., 43, 58

G

Gershfield, David N., 44
Gingalewski, Cynthia, 287
Glusac, Earl J., 59, 365
Goldenring, James R., 113
Griffith, Linda G., 48
Grilo, Carlos M., 54
Gross, Victoria L., 44
Gumbs, Andrew, 51

H

Haberer, Jessica E., 45
Haffty, Bruce G., 51
Hall, Daniel Emerson, 45
Hamilton, Stanley R., 121
Harnett, Karen M., 153
Held, Kathryn D., 49
Hines, Scott W., 46
Hirschowitz, Basil L., 133
Hou, L.-H., 1
Huang, Jia-Qing, 181
Hunt, Richard H., 181
Hylton, Camille M., 47

I

Ickovics, Jeannette R., 55
Inaba, Masashi, 37

J

Janeway, Charles A., Jr., 42
Jekel, James, 59
Ji, Changhua, 48
Jones, Roger, 203
Jones, Ervin E., 61

K

Kacinski, Barry M., 51, 59, 365
Kahrilas, Peter J., 101
Kao, Alexander H., 47
Karr, J., 303
Karttunen, Jaana, 42
Kavic, Stephen M., 393
Kim, Nayoung, 153
Kim, Steven S., 48
Kim, Kenneth K., 48
Kleinman, Charles S., 43
Klinkenberg-Knol, Elly C., 211
Knappertz, Volker A., 50
Koski, John A., 48
Koss, Tamara, 49
Krause, Diane S., 52
Kreshak, Jennifer, 29
Kuipers, Ernst J., 211
Kung, Denise I., 39

L

Lai, Shih-Wei, 377, 385
Lai, Ming-May, 377

Lee, Jeffrey R., 113
Leitze, Zachary R., 50
Leventhal, John M., 39
Levine, Robert J., 60
Li, Tsai-Chung, 377, 385
Li, Chia-Ing, 377
Lin, Cheng-Chieh, 377, 385
Lin, Debby A., 50
Liu, Chih-Shong, 377
Lui, Yvonne W., 51

M

Maher, Mary Grey, 51
Marottoli, Richard A., 40
Mayne, Susan T., 41
McCallum, Richard W., 173
McCarey, Yvonne, 49
McCarthy, Denis M., 125
McCarthy, Thomas L., 48
McCarty, Maclyn, 357
McDonough, JoAnne M.52
McMahon-Pratt, Diane, 45
McPherson, Craig, 5, 259
Mealiffe, Matthew E., 52
Merritt, Jason L., 53
Meuwissen, Stephan G.M., 211
Mor, Gil, 43
Mukai, Kanae, 48
Murphy, Beth L., 53

N

Naftolin, Frederick, 43, 59
Nathan, Jaimie D., 287
Ng, Kim-Choy, 377
Nuernberg, Amy M., 421

O

O'Brien, Sharon E., 43
O'Connor, Terry Z., 40
O'Hare, Linda L., 41
Oamar, Asad, 5
Odunsi, Kunle, 59
Okonofua, Friday, 59
Oliveira-Neto, Manoel P., 45

P

Perrotta, Peter L., 51
Pfau, Steve, 47
Pinto, Michelle M., 54
Potee, Ruth A., 55
Prutkin, Jordan M., 269

Q

Qamar, Asad, 259

R

Ray, Gregory S., 113
Rengarajan, Badrinath, 55
Rich, Harlan, 153
Rivas, Luis, 45
Robinson, Malcolm, 169
Roth, Robert H., 53
Rudolph, Rosser, 5

S

Sachs, George, 227
Salem, Ronald R., 287
Salemy, Shahram, 56
Salovey, Peter, 41
Sanders, Michelle S., 56
Sandifer, Sherri Denise, 57
Santiago, Sandra L., 58
Sapi, Eva, 51
Schattner, Ami, 15
Schonfeld, David J., 41, 56
Segal, Alan S., 393
Shmueli, Amir, 245
Shofer, Frances S., 53, 56
Showalter, Donald R., 41
Shulman, Gerald, 37
Singleton, Rivers, Jr., 329
Sohn, Uy Dong, 153
Sohn, Jane, 48
Sonnenberg, Amnon, 81
Sontag, Stephen J., 69
Soper, Nathaniel J., 231
Soufer, Robert, 47
Srimatkada, Srinivasan, 50
Steinbaum, Deborah P., 58
Stem, Charlene, 38
Strick, James, 321
Summers, William C., 341, 409

T

Talley, Nicholas J., 145
Tallini, Giovanni, 59, 365
Tamborlane, William V., 43
Tan, Chee-Keong, 377
Taylor, Hugh S., 61
Tegeler, Charles H., 50
Tellides, George, 56
Thayu, Meena, 59, 365
Tiemeyer, Michael, 38
Turner, Bruce, 51

Tytgat, G.N.J., 219

U

Ugwonali, Obi, 59
Utsonomiya, Hiro, 48

V

Vacanti, Joseph P., 48
VanMeter, Guy, 37
Verma, M., 1
Voles, Angelo, 60

W

Walker, Francis O., 50
White, Robert I., Jr., 51
White, Andrew P., 19
Wilson, Lynn D., 59, 365
Wong, F. Susan, 42
Wu, Benjamin M., 48
Wyshak, Grace, 59

Y

Yepremyan, Meher, 60

Z

Zarich, Stuart, 5, 259
Zimon, Alison E., 61